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(54) Title: METHOD FOR THE REMOVAL OF NO_x AND CATALYST THEREFOR

(57) Abstract: The invention relates to a method for the catalytic reduction of NO_x in an NO_x containing gas using methane in the presence of a catalyst which comprises a palladium-containing zeolite. In this process one uses a zeolite based on rings of 12 oxygen atoms, wherein the zeolite also comprises scandium, yttrium, a lanthanide or a combination thereof. The invention also relates to the catalyst itself and the preparation thereof.

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